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APPLICANT : SONY CORP;

INVENTOR : FUNABASHI TAKESHI;

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TITLE : OPTICAL DISK DEVICE

D0	D1	D2	D3	D4
D5	D6	D7	D8	D9
VU10	VU11	VU1	VU2	VU3
VU4	CRC1	CRC2	CRC3	CRC4
E1.1	E2.1	E3.1	E4.1	E5.1
E1.15	E2.15	E3.15	E4.15	E5.15
E1.16	E2.16	E3.16	E4.16	E5.16

ABSTRACT : PURPOSE: To enable sure reproduction of important data by dividing a storage region to sectors, recording user data, identification data of the user data, etc., into the respective sectors and subjecting the user data to replacement processing on the bases of the identification data.

CONSTITUTION: The recording region of the optical disk is divided to the sectors and the identification data VU1 to VU4, the codes for error detection and correction of the data VU1 to VU4, etc., are recorded by each of the respective sectors together with the user data D0 to D511, etc. The user data D0 to D511 are subjected to reproduction, error correction, etc., on the basis of the user data VU1 to VU4. The important data are compared with a reference value which is small in bit error rate by the data VU1 to VU4 as a basis. The data D0 to D511 is subjected to the replacement processing before the deterioration progresses. As a result, the important data, such as directory, is more surely reproduced.

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